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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>                 DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>                 CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |   | ATTORNEY'S DOCKET NUMBER<br><b>OGOSH57USA</b><br>U.S. APPLICATION NO. (if known, see 37 CFR 1.5) |
| INTERNATIONAL APPLICATION NO.<br><br><b>PCT/JP2005/000015</b>   | INTERNATIONAL FILING DATE<br><br><b>05 January 2005</b> | PRIORITY DATE CLAIMED<br><br><b>29 January 2004</b>  |
| TITLE OF INVENTION<br><b>ULTRAHIGH-PURITY COPPER AND PROCESS FOR PRODUCING THE SAME</b>   |   |  |
| APPLICANT(S) FOR DO/EO/US<br><p style="text-align: center;"><b>Yuichiro Shindo and Kouichi Takemoto</b></p> Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input checked="" type="checkbox"/> The US has been elected (Article 31)<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))<br>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br>a. <input checked="" type="checkbox"/> is attached hereto.<br>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).<br>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communication by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input type="checkbox"/> have not been made and will not be made.<br>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 35 (35 U.S.C. 371(c)(5)).<br><p style="text-align: center;"><b>Items 11 to 20 below concern document(s) or information included:</b></p> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input checked="" type="checkbox"/> First Preliminary Amendment.<br>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. —(combined with Declaration, see above)<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825<br>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).<br>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).<br>20. <input checked="" type="checkbox"/> Other items or information: Verification of Translation; International Search Report; Request; Demand; International Preliminary Examination Report; Notification of the Recording of a Change |   |  |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  |                                     | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP2005/000015</b>   |  | ATTORNEY'S DOCKET NUMBER<br><b>OGOSH57USA</b> |                 |
| The following fees have been submitted   |                                     |   |  | Calculations                                  | Office use only |
| 21.  | <input checked="" type="checkbox"/> | Basic national fee.....   | \$300.00                               | \$300.00                                      |                 |
| 22.  | <input checked="" type="checkbox"/> | Examination fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy<br>provisions of PCT Article 33(1)-(4).....   | \$100                                  | \$ 200.00                                     |                 |
|  |                                     | All other situations.....   | \$200                                  |   |                 |
| 23.  | <input checked="" type="checkbox"/> | Search fee<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as<br>an International Searching Authority.....   | \$100                                  | \$ 400.00                                     |                 |
|  |                                     | International Search Report prepared and provided to the Office.....  | \$400                                  |   |                 |
|  |                                     | All other situations.....   | \$500                                  |   |                 |
| <b>TOTAL OF 21, 22 and 23 =</b>  |                                     |   |  | <b>\$ 900.00</b>                              |                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding<br>sequence listing or computer program listing filed in an electronic medium). The fee is<br>\$250 for each additional 50 sheets of paper or fraction thereof. |                                     |   |  |   |                 |
| Total Sheets   | Extra Sheets                        | Number of each additional 50 or<br>fraction thereof (round up to a<br>whole number)   | RATE                                   |   |                 |
| 11 - 100   | /50=                                |   | x \$250                                |   |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(e)).  |                                     |   |  | \$  |                 |
| CLAIMS   | NUMBER FILED                        | NUMBER EXTRA  | RATE                                   | \$  |                 |
| Total claims   | 7 - 20 = 0                          |   | x \$50                                 | \$  |                 |
| Independent Claims   | 3 - 3 = 0                           |   | x \$200                                | \$  |                 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |                                     |   |  | + \$360                                       | \$              |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                                     |   |  | <b>\$ 0.00</b>                                |                 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced<br>by 1/2.  |                                     |   |  |   |                 |
| <b>SUBTOTAL =</b>  |                                     |   |  | <b>\$ 900.00</b>                              |                 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the<br>earliest claimed priority date (37 CFR 1.492(f)).   |                                     |   |  | \$  |                 |
| <b>TOTAL NATIONAL FEE =</b>  |                                     |   |  | <b>\$ 900.00</b>                              |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.   |                                     |   |  | +   | \$              |
| <b>TOTAL FEES ENCLOSED</b>   |                                     |   |  | <b>\$ 900.00</b>                              |                 |
| <b>=</b>   |                                     |   |  |   |                 |
| Amount to be refunded:   |                                     |   |  | \$  |                 |
| Amount to be charged   |                                     |   |  | \$  |                 |
| a.   | <input type="checkbox"/>            | A check in the amount of \$_____ to cover the above fees is enclosed.   |  |   |                 |
| b.   | <input checked="" type="checkbox"/> | Please charge my Deposit Account No. <u>08-3040</u> in the amount of \$ <u>900.00</u> to cover the above fees.<br>A duplicate copy of this sheet is enclosed.   |  |   |                 |
| c.   | <input checked="" type="checkbox"/> | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to<br>Deposit Account No. <u>08-3040</u> . A duplicate copy of this sheet is enclosed.                         |  |   |                 |
| d.   | <input type="checkbox"/>            | Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information<br>should not be included on this form. Provide credit card information and authorization on PTO-2038. |  |   |                 |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b))<br>must be filed and granted to restore the application to pending status.   |                                     |   |  |   |                 |
| SEND ALL CORRESPONDENCE TO:  |                                     |   |  |   |                 |
| Customer No.: 00270  |                                     |   | _____<br>/William Bak/<br>SIGNATURE    |   |                 |
| HOWSON AND HOWSON<br>501 Office Center Drive<br>Suite 210<br>Fort Washington, PA 19034   |                                     |   | _____<br>William Bak<br>NAME           |   |                 |
|  |                                     |   | _____<br>37,277<br>REGISTRATION NUMBER |   |                 |